Index to Volume XXVII, 1964

ABRAMOWICZ, A.: The pathogenesis of experimental periventricular cerebral necrosis and its possible relation to the periventricular leucomalacia of birth trauma, **85**

ADAMS, J. F. *See* SIMPSON, J. A., SEATON, D. A., and ADAMS, J. F.

AGUAYO, A., THOMPSON, D. W., and HUMPHREY, J. G.: Multiple myeloma with polyneuropathy and osteosclerotic lesions, **562**

Allergic neuritis, experimental, changes in nerve conduction in, **106**

ALTER, M., LEIBOWITZ, U., and HALPERN, L.: Clinical studies of multiple sclerosis in Israel, II. A comparison between European and Afro-Asian patients, **522**

Amaurotic idiocy, arrested cerebellar development in, **41**

AMELI, N. O.: An unusual case of the Dandy-Walker syndrome, **583**

American Association of Electromyography and Electrodiagnosis, **360**

Anaemia due to lead poisoning, response to chelating agents of, **536**

Anaesthesia, effects of, on intracranial pressure, **582**

—, 'intravenous regional', site of action of, **574**

ANDREADIS, A. *See* HITCHCOCK, E., and ANDREADIS, A.

ANDY, O. J. *See* JURKO, M. F., and ANDY, O. J.

Aneurysms, carotico-cavernous, **579**

—, cerebral, in adult, developing apparently *de novo*, **153**

—, —, ruptured, substances capable of contracting smooth muscle in haematoma fluid from, **198**

Antibodies, myasthenia gravis with hypergammaglobulinaemia and, **345**

Anxiety states, habituation of psycho-galvanic reflex in patients with, **210**

APPLEBY, A., BATSON, G. A., LASSMAN, L. P., and SIMPSON, C. A.: Spinal cord compression by extramedullary haematopoiesis in myelosclerosis, **313**

Arteriosclerosis in Parkinsonism, **237**

ASHWORTH, B.: Encephalopathy following a sting, **542**

Ataxia telangiectasia, **38**

BAKER, R. W. R., THOMPSON, R. H. S., and ZILKHA, K. J.: Serum fatty acids in multiple sclerosis, **408**

BALL, E. J. *See* CASPARY, E. A., FIELD, E. J., and BALL, E. J.

BALLA, J. I., HOWAT, J. M. L., and WALTON, J. N.: Cholesterol emboli in retinal arteries, **144**

BATSON, G. A. *See* APPLEBY, A., BATSON, G. A., LASSMAN, L. P., and SIMPSON, C. A.

BEAUCHEMIN, J. A. *See* BROWN, W. J., BEAUCHEMIN, J. A., and LINDE, L. M.

BELLER, A. J.: Benign post-traumatic intracranial hypertension, **149**

BEST, P. V.: Unusual behaviour of a cerebellopontine angle tumour, **581**

BESWICK, T. S. L., COID, C. R., HARTLEY, E., HENDERSON, M., and WINTER, M.: The behaviour of attenuated strains of poliovirus in monkeys, **10**

BETTY, M. J.: Quality of survival in treated patients with supratentorial gliomata, **556**

BHAGWATI, S. N. *See* ROSE, F. C., BHAGWATI, S. N., and MCKISSOCK, W.

BIANCHI, M. *See* MORELLO, G., MIGLIAVACCA, F., and BIANCHI, M.

Birth trauma, periventricular leucomalacia of, pathogenesis of experimental periventricular cerebral necrosis and its possible relation to, **85**

BLOWERS, R. *See* CLARKE, P. R. R., WARNOCK, G. B. R., BLOWERS, R., and WILKINSON, M.

Book reviews:

Asenjo, A.: *Neurosurgical Techniques*, rev. English ed., 1963, **482**

Barka, T., and Anderson, P. J.: *Histochemistry: Theory, Practice and Bibliography*, 1963, **179**

Bekhtereva, N. P.: *Bipotentials of Cerebral Hemispheres in Brain Tumours*, 1962, **482**

Bischoff, A.: *Die diabetische Neuropathie*, 1963, **359**

Blair, D.: *Modern Drugs for the Treatment of Mental Illness*, 1963, **179**

Bokonjic, N.: *Stagnant Anoxia and Carbon Monoxide Poisoning*, 1963, **83**

Bonin, G. von: *The Evolution of the Human Brain*, 1963, **178**

Brock, S., and Krieger, H. P.: *The Basis of Clinical Neurology*, 4th ed., 1963, **178**

Cameron, N.: *Personality Development and Psychopathology*, 1963, **360**

Caughey, J. E., and Myrianthopoulos, N. C.: *Dystrophia Myotonica and Related Disorders*, 1963, **274**

Conel, J. L.: *The Postnatal Development of the Human Cerebral Cortex*, Vol. VII. *The Cortex of the Four-Year Child*, 1963, **81**

Conrad, K.: *Der Konstitutionstypus*, 1963, **587**

Council for International Organizations of Medical Sciences: *Selective Vulnerability of the Brain in Hypoxaemia*, 1963, **482**

Curran, D.: *Psychological Medicine*, 5th ed., 1963, **484**

Davis, L., and Davis, R. A.: *Principles of Neurological Surgery*, 1963, **358**

Delacato, C. H.: *The Diagnosis and Treatment of Speech and Reading Problems*, 1963, **180**

European Association against Poliomyelitis and Allied Diseases: *Poliomyelitis: Proceedings of the VIII Symposium*, 1962, **179**

Ewalt, J. R., and Farnsworth, D. L.: *Textbook of Psychiatry*, 1963, **179**

Fair, C. M.: *The Physical Foundations of the Psyche*, 1963, **587**

Folch-Pi, J., and Bauer, J. H., eds.: *Brain Lipids and Lipoproteins and the Leucodystrophies*, 1963, **82**

Foss, B. M.: *Determinants of Infant Behaviour, II*, 1963, **83**

Freund, K.: *Die Homosexualitat beim Mann*, 1963, **588**

Frowein, R. A.: *Zentrale Atemstörungen bei Schädel-Hirn-Verletzungen und bei Hirntumoren*, 1963, **359**

Glaser, G. H., ed.: *EEG and Behavior*, 1963, **587**

Greenfield's Neuropathology, 2nd ed., by W. Blackwood *et al.*, ed. by R. M. Norman, 1963, **274**

Heath, R. G., ed.: *Serological Fractions in Schizophrenia*, 1963, **483**

Hécaen, H., and Ajuriaguerra, J. de: *Les Gauchers: Prévalence Manuelle et Dominance Cérébrale*, 1963, **359**

Henderson, Sir D.: *The Evolution of Psychiatry in Scotland*, 1964, **587**

Heuscher, J. E.: *A Psychiatric Study of Fairy Tales*, 1963, **360**

Hill, D., and Parr, G., eds.: *Electroencephalography: A Symposium*, 2nd ed., 1963, **82**

Hofling, C. K.: *Textbook of Psychiatry for Medical Practice*, 1963, **587**

Hottinger, A., and Berger, H., eds.: *Modern Problems in Pediatrics*, Vol. 8, Bibliotheca Paediatrica, Fasc. 81. *Seminar on the Prevention of Antenatal and Perinatal Cerebral Lesions, Paris 1961*, 1963, **81**

Juul-Jensen, P.: *Epilepsy—A Clinical and Social Analysis of 1020 Adult Patients*, 1963, **275**

Keele, C. A., and Armstrong, D.: *Substances Producing Pain and Itch*, **483**

Keith, H. M.: *Convulsive Disorders in Children*, 1963, **81**

Kemp, R.: *Understanding Epilepsy*, 1963, **275**

Khabarova, A. Y.: *The Afferent Innervation of the Heart*, 1963, **179**

Kline, M. V.: *Clinical Correlations of Experimental Hypnosis*, 1963, **180**

Kopell, H. P., and Thompson, W. A. L.: *Peripheral Entrapment Neuropathies*, 1963, **359**

Korey, S. R., Pope, A., and Robins, E., eds.: *Ultrastructure and Metabolism of the Nervous System*, 1962, **178**

Kretschmer, E.: *Gestalten und Gedanken*, 1963, **484**

Labhardt, F.: *Die schizophrenieachnlichen Emotionspsychosen*, 1963, **484**

Ladenheim, J. C.: *Choroid Plexus Meningiomas of the Lateral Ventricle*, 1963, **274**

Langelüddeke, A.: *Die Entmannung von Sittlichkeits Verbrechen*, **276**

Leonhard, K.: *Individualtherapie der Neurosen*, 1963, **360**

McIlwain, H.: *The Chemical Exploration of the Brain*, 1963, **178**

Matthews, W. B.: *Practical Neurology*, 1963, **81**

Mayo Clinic and Mayo Foundation: *Clinical Examinations in Neurology*, 2nd ed., 1963, **178**

Muscular Dystrophy Group Research Committee: *Research in Muscular Dystrophy*, 1963, **81**

O'Connor, N., and Hermelin, B.: *Speech and Thought in Severe Subnormality*, 1963, **276**

Ostwald, P. F.: *Soundmaking: The Acoustic Communication of Emotion*, 1963, **180**

Paillas, J. E., Serratrice, G., and Legré, J.: *Les Tumeurs Primitives du Rachis*, 1963, **359**

Paraplegia, Vol. 1, no. 1, May 1963, **84**
Proceedings of the Australian Association of Neurologists, Vol. 1, no. 1, May 1963, **84**
Progress in Brain Research, vol. 2. *Nerve, Brain and Memory Models*, 1963, **358**
Progress in Brain Research, vol. 3. *The Rhinencephalon and Related Structures*, 1963, **358**
Recent Advances in Biological Psychiatry, vol. 5, 1963, **483**
Refsum, S., Lorsius, H. M., and Dietrichson, P., eds.: *The So-Called Extrapyramidal System*, 1963, **178**
Russell, D. S., and Rubinstein, L. J.: *Pathology of Tumours of the Nervous System*, 2nd ed., 1963, **274**
Scheid, W.: *Lehrbuch der Neurologie*, 1963, **360**
Schneck, J. M., ed.: *Hypnosis in Modern Medicine*, 3rd ed., 1963, **180**
Sellier, K., and Unterharnscheidt, F.: *Mechanik und Pathomorphologie der Hirnschäden nach stumpfer Gewalteinwirkung auf den Schädel*, 1963, **82**
Smith, J. L.: *Optokinetic Nystagmus*, 1963, **179**
Spalding, J. M. K., and Smith, A. C.: *Clinical Practice and Physiology of Artificial Respiration*, 1963, **83**
Spiegal, E. A., and Wycis, H. T.: *Stereoencephalotomy, Part II. Clinical and Physiological Applications*, 1962, **82**
Stur, O., ed.: *Proceedings of the 2nd International Congress on Mental Retardation*, Parts I and II, 1963, **83**
Tienari, P.: *Psychiatric Illnesses in Identical Twins*, 1963, **588**
Tredgold, R. F., and Soddy, K.: *Tredgold's Textbook of Mental Deficiency*, 10th ed., 1963, **83**
Unterharnscheidt, F.: *Die gedeckten Schäden des Gehirns*, 1963, **82**
Weitbrecht, H. J.: *Psychiatrie im Grundriss*, 1963, **587**
Wolff, H. G.: *Headache and Other Head Pain*, 1963, **275**
Works of the Pavlov Institute of Physiology, vol. X. *Problems of Physiology of Higher Nervous Activity and of the Nervous System*, 1963, **360**
Books received:
Achaintre, A., *et al.*: *Actualités de Thérapeutique Psychiatrique*, 1963, **484**
Becker, P. E., ed.: *Humangenetik*, Band II, 1964, **484**
Bochnik, H. J., and Legewie, H.: *Multifaktorielle klinische Forschung: statistische Methoden mit einer Faktorenanalyse bei progressiver Paralyse*, 1964, **484**
Bourret, P., and Louis, R.: *Anatomie du Système Nerveux*, 1963, **588**
Burstin, J.: Désagregation, Régression et Reconstruction dans la Schizophrénie, 1963, **276**
Clauser, G.: *Lehrbuch der biographischen Analyse*, 1963, **180**
Close, J. R.: *Motor Function in the Lower Extremity*, 1963, **276**
Cooper, E. R. A.: *An Anatomical Study of Hydrocephalus*, 1963, **180**
Fischer, W.: *Sammlung zwangloser Abhandlungen aus dem Gebiete der Psychiatrie und Neurologie*, Heft 24. *Zur Klinik der enzephalographische diagnostizierten hirnatrophischen Prozesse*, 1963, **276**
Goldstein, E.: *Selective Audio-visual Instruction for Mentally Retarded Pupils*, 1964, **588**
International Review of Neurobiology, Vol. 5, 1963, **276**
Jacobson, S. A.: *The Posttraumatic Syndrome Following Head Injury*, 1963, **180**
Johannes, T.: *Der Tuberkulöse im Strafvollzug*, 1964, **484**
John, A. L., Leite-Ribeiro, M. O., and Buckle, D.: *The Nurse in Mental Health Practice*, 1963, **484**
Kanner, L.: *A History of the Care and Study of the Mentally Retarded*, 1964, **588**
Kolsovskii, B. N.: *The Development of the Brain and Its Disturbance by Harmful Factors*, 1963, **276**
Köhler, W.: *Intelligenzprüfungen an Menschenaffen*, 1963, **588**
Koestler, A.: *The Act of Creation*, 1964, **588**
Lebedinskiy, A. V., and Nakhil'nitskaya, Z. N.: *Effects of Ionizing Radiation on the Nervous System*, 1963, **180**
Leighton, D. C., *et al.*: *The Character of Danger*, 1964, **588**
Lohman, A. H. M.: *The Anterior Olfactory Lobe of the Guinea Pig*, 1963, **180**
Marcuse, F. L., ed.: *Hypnosis Throughout the World*, 1964, **484**
Mowbray, R. M., and Rodger, T. F.: *Psychology in Relation to Medicine*, 1963, **180**
Olsson, O., *et al.*: *Handbuch der medizinischen Radiologie*, Bd. VII/2, **588**
Orgler, H.: *Alfred Adler: the Man and His Work*, 1963, **588**
Peon, R. H., ed.: *The Physiological Basis of Mental Activity*, 1963, **276**
Roentgen Diagnosis of the Skull, 1962, **588**
Sokolov, Y. N.: *Perception and the Conditioned Reflex*, 1963, **276**
Taylor, E. A.: *Meeting the Increasing Stresses of Life*, 1963, **484**
Van Buren, J. M.: *The Retinal Ganglion Cell Layer*, 1963, **484**
Weber, E. W.: *Mentally Retarded Children and Their Education*, 1963, **484**
Winokur, G., ed.: *Determinants of Human Sexual Behaviour*, 1963, **180**
Wright, R. H.: *The Science of Smell*, 1964, **484**

BOURNE, G. H. *See* NANDY, K., and BOURNE, G. H.
Brain abscess due to *Streptomyces griseus*, **553**
—, changes and displacements of, after surgery, radiological method of following, **73**
— damage, visual vigilance and, **206**
BRICE, J., DOWSETT, D., and LOWE, R.: Some haemodynamic effects of carotid artery clamps, **580**
BROWN, W. J., BEAUCHEMIN, J. A., and LINDE, L. M.: A neuropathological study of familial dysautonomia (Riley-Day syndrome) in siblings, **131**
BUCKELL, M.: Demonstration of substances capable of contracting smooth muscle in the haematoma fluid from certain cases of ruptured cerebral aneurysm, **198**
BUCKLE, R. M., DU BOULAY, G., and SMITH, B.: Death due to cerebral vasospasm, **440**
BURNS, S. B. *See* MCDONALD, R. D., and BURNS, S. B.
CARMAN, J. B., COWAN, W. M., and POWELL, T. P. S.: The cortical projection upon the claustrum, **46**

Carotico-cavernous aneurysms, **579**
Carotid artery clamps, some haemodynamic effects of, **580**
— — occlusion, bilateral internal, secondary to closed head injuries, **547**
Carotid-cavernous arteriovenous fistula, **579**
CARROLL, D., and DAVIES, P.: Renal tubular acidosis presenting with muscle weakness, **5**
CASPARY, E. A., FIELD, E. J., and BALL, E. J.: Antibody studies in multiple sclerosis and experimental 'allergic' encephalomyelitis, **25**
CATLING, J. *See* LAIDLAW, J., and CATLING, J.
Cellulose acetate electrophoresis, serum lipoproteins in multiple sclerosis determined by, **251**
Central nervous system, superficial haemosiderosis of, **332**
Centrencephalic epilepsy, cognitive deficit related to seizure pattern in, **291**
Cerebellar development, arrested, in amaurotic idiocy, **41**
— hemisphere tumours, electroencephalographic changes associated with, **340**
Cerebello-pontine angle, primary choroid papillomas in, **445**
— — tumour, unusual behaviour of, **581**
Cerebral aneurysm in adult, developing apparently *de novo*, **153**
— —, ruptured, substances capable of contracting smooth muscle in haematoma fluid from, **198**
— artery, middle, angiographic study of, in chronic infantile hemiplegia, **326**
— biopsy, instrument for, **273**
— cortex, measurement of local blood flow in, from clearance of xenon^{133}, **255**
— hypothermia, local, with circulatory arrest, clinical use of, **581**
— metastases, surgical treatment of, **577**
— necrosis, periventricular, experimental, pathogenesis of, and its possible relation to periventricular leucomalacia of birth trauma, **85**
— vasospasm, death due to, **440**
Cerebrospinal fluid, creatine kinase in, **247**
— — rhinorrhoea, primary spontaneous, **241**
— —, vitamin B_{12} levels in, in multiple sclerosis, **174**
Cerebrovascular disease, rheoencephalography in, **66**
— insufficiency, clinical and angiographic findings in, **577**
CHASON, J. L., LANDERS, J. W., and GONZALEZ, J. E.: Central pontine myelinolysis, **317**
Chelating agents, response to treatment with, of anaemia, chronic encephalography, and myelopathy due to lead poisoning, **536**
Cholesterol emboli in retinal arteries, **144**
Cholinesterases in spinal cord, effects of LSD-25 on, **259**
Chordomata, diagnosis and treatment of, **157**
—, management of, **582**
Choroid papillomas, primary, in cerebellopontine angle, **445**
CLARK, D. E. *See* MILES, D. W., JAMES, J. L., CLARK, D. E., and WHITWAM, J. G.
CLARKE, P. R. R., WARNOCK, G. B. R., BLOWERS, R., and WILKINSON, M.: Brain abscess due to *Streptomyces griseus*, **553**

Claustrum, cortical projection upon, **46**
COID, C. R. *See* BESWICK, T. S. L., COID, C. R., HARTLEY, E., HENDERSON, M., and WINTER, M.
Colour agnosia, **296**
Conduction times, pattern of, in distribution of sciatic nerve, **351**
— velocity in motor nerves, measurement of, **381**
COOPER, B. *See* SHEPHERD, M., and COOPER, B.
Corrections, **84**
Cortical dysarthria and dysprosody of speech, **507**
— projection upon claustrum, **46**
— responses, effect of hypnotic anaesthesia on, **300**
COWAN, W. M. *See* CARMAN, J. B., COWAN, W. M., and POWELL, T. P. S
CRAGG, G. B., and THOMAS, P. K.: Changes in nerve conduction in experimental allergic neuritis, **106**
Creatine kinase activity, serum, in muscular dystrophy and other myopathic and neuropathic disorders, **96**
— — —, —, in relatives of patients with Duchenne type of muscular dystrophy, **181**
— — —, —, variations in, in normal individuals, **1**
— — in cerebrospinal fluid, **247**
CULLEN, D. R., and PEARCE, J. M. S.: Spinal cord compression in pseudohypoparathyroidism, **459**
CUMINGS, J. N. *See* HERSCHKOWITZ, N., and CUMINGS, J. N.
CURRAN, D. A., and LANCE, J. W.: Clinical trial of methysergide and other preparations in the management of migraine, **463**
Cyclophosphamide in treatment of intracerebral malignancy, **470**

Dandy-Walker malformation, radiological diagnosis and treatment of, **582**
— syndrome, unusual case of, **583**
DAVIES, P. *See* CARROLL, D., and DAVIES, P.
DAWSON, B. H.: Prognostic factors in the treatment of Parkinsonism by stereotactic surgery, **583**
DEMYER, W. *See* HEIMBURGER, R. F., DEMYER, W., and REITAN, R. M.
Diastematomyelia, **583**
Diencephalotomy, psychological aspects of, **516**
DONALDSON, A. A.: Total cerebral angiography in spontaneous intracranial haemorrhage, **580**
DOTT, N.: Carotid-cavernous arteriovenous fistula, **579**
DOWNEY, J. A. *See* HOCKADAY, T. D. R., DOWNEY, J. A., and MOTTRAM, R. F.
DOWSETT, D. *See* BRICE, J., DOWSETT, D., and LOWE, R.
DU BOULAY, G. *See* BUCKLE, R. M., DU BOULAY, G., and SMITH, B.
Duchenne type of muscular dystrophy, serum creatine kinase activity in relatives of patients with, **181**
DYKEN, M.: Angiographic study of the middle cerebral artery in chronic infantile hemiplegia, **326**
DYKEN, P. R., MANNING, H. L., and WHITE, P.: Electroencephalographic changes associated with cerebellar hemisphere tumours, **340**
—, and ZEMAN, W.: A clinical, pathological, and genetic study of an unusual form of Tay-Sachs disease with macular degeneration in the family, **29**
Dysarthria and dysprosody of speech, cortical, **507**
Dysautonomia, familial, neuropathological study of, in siblings, **131**

EADIE, M. J., and SUTHERLAND, J. M.: Arteriosclerosis in Parkinsonism, **237**
EARL, C. J. *See* HUNTER, R., EARL, C. J., and JANZ, D.
Electroencephalographic changes associated with cerebellar hemisphere tumours, **340**
Emboli, cholesterol, in retinal arteries, **144**
Empyema, subdural, **422**
Encephalomyelitis, 'allergic', experimental, antibody studies in, **25**
—, perivenous, acute necrotic myelopathy associated with, **116**
Encephalopathy, chronic, due to lead poisoning, response to chelating agents of, **536**
— following sting, **542**
— in Parkinsonism, E.E.G. assessment of, **232**
Endoxana in treatment of intracerebral malignancy, **470**
Epidemiology and mental disorder, **277**
Epilepsy, centrecephalic, cognitive deficit related to seizure pattern in, **294**
Extramedullary haematopoiesis, spinal cord compression by, in myelosclerosis, **313**

Fatty acids, serum, in multiple sclerosis, **408**
FELTKAMP, T. E. W. *See* OOSTERHUIS, H. J. G. H., GELD, H. van der, FELTKAMP, T. E. W., and PEETOM, F.
FIELD, E. J. *See* CASPARY, E. A., FIELD, E. J., and BALL, E. J.
Fistula, carotid-cavernous arteriovenous, **579**
FLEWETT, T. H. *See* MELNICK, S.C., and FLEWETT, T. H.
FRASER, R. J. A.: Clinical and angiographic findings in cerebrovascular insufficiency, **577**
FRIEDE, R. L.: Arrested cerebellar development: a type of cerebellar degeneration in amaurotic idiocy, **41**
Frontal lesions, changing effects of, **511**
— Lobe, 2nd Symposium of the, **588**
FULLERTON, P. M.: Peripheral nerve conduction in metachromatic leucodystrophy (sulphatide lipidosis), **100**

Ganglioneuroma arising in pituitary fossa, **268**
GARDNER, D. L., MACPHERSON, A. I. S., MALONEY, A. F. J., and RICHMOND, J.: Leucoencephalopathy after portacaval anastomosis in a patient with hepatic cirrhosis, **530**
GASSELL, M. M.: A test of nerve conduction to muscles of the shoulder girdle as an aid in the diagnosis of proximal neurogenic and muscular disease, **200**
—, and TROJABORG, W.: Clinical and electrophysiological study of the pattern of conduction times in the distribution of the sciatic nerve, **351**
GAVRILESCU, K., MELLICK, R. S., and MCMENEMEY, W. H.: Serum lipoproteins in multiple sclerosis determined by cellulose acetate electrophoresis, **251**
GAZE, R. M., GILLINGHAM, F. J., and KALYANARAMAN, S.: Depth microelectrode recording for precision stereotaxy, **584**
GELD, H. van der. *See* OOSTERHUIS, H. J. G. H., GELD, H. van der, FELTKAMP, T. E. W., and PEETOM, F.
Gerstmann's syndrome, implications of, **52**
GILLINGHAM, F. J. *See* GAZE, R. M., GILLINGHAM, F. J., and KALYANARAMAN, S.
GLASAUER, F. E.: Thoracic and lumbar intraspinal tumours associated with increased intracranial pressure, **451**
GLASS, H. I. *See* HARPER, A. M., GLASS, H. I., STEVEN, J. L., and GRANAT, A. H.
Gliomata, supratentorial, quality of survival in treated patients with, **556**
Glycolysis, abnormal, hereditary metabolic myopathy with paroxysmal myoglobinuria due to, **361**
GONZALEZ, J. E. *See* CHASON, J. L., LANDERS, J. W., and GONZALEZ, J. E.
GORTVAI, P.: Surgery in disorders of movement other than Parkinsonism, **585**
GOSSMAN, H. H.: Carotico-cavernous aneurysms, **579**
GRAF, C. J., and HAMBY, W. B.: Report of a case of cerebral aneurysm in an adult developing apparently *de novo*, **153**
GRANAT, A. H. *See* HARPER, A. M., GLASS, H. I., STEVEN, J. L., and GRANAT, A. H.
GRANHOLM, L. *See* THULIN, C. A., PETERSÉN, I., and GRANHOLM, L.
GRIMSHAW, L.: Obsessional disorder and neurological illness, **229**
Guillain-Barré syndrome, role of infection in, **395**

HADDAD, F. S. *See* SHEALY, C. N., LEMAY, M., and HADDAD, F. S.
Haematoma, intramedullary, simulating Wallenberg's syndrome, surgical removal of, **78**
Haematopoiesis, extramedullary, spinal cord compression by, in myelosclerosis, **313**
Haemophilia, intracranial haemorrhage in, **166**
Haemorrhage, intracranial, spontaneous, total cerebral angiography in, **580**
—, subarachnoid, recurrent, from paraventricular lesions with normal angiography, **435**
Haemorrhagic leucoencephalitis, acute, with concurrent primary herpes simplex infection, **493**
Haemosiderosis, superficial, of central nervous system, **332**
HALLIDAY, A. M., and MASON, A. A.: The effect of hypnotic anaesthesia on cortical responses, **300**
HALPERN, L. *See* ALTER, M., LEIBOWITZ, U., and HALPERN, L.
HAMBY, W. B. *See* GRAF, C. J., and HAMBY, W. B.
HARPER, A. M., GLASS, H. I., STEVEN, J. L., and GRANAT, A. H.: The measurement of local blood flow in the cerebral cortex from the clearance of xenon^{133}, **255**
HARTLEY, E. *See* BESWICK, T. S. L., COID, C. R., HARTLEY, E., HENDERSON, M., and WINTER, M.
Hashimoto's disease after thymectomy, **485**
HAYES, G. J. *See* MARTINS, A. N., KEMPE, L. G., and HAYES, G. J.
Head injuries, closed, bilateral internal carotid artery occlusion secondary to, **547**
HEIMBURGER, R. F., DEMYER, W., and REITAN, R. M.: Implications of Gerstmann's syndrome, **52**

Hemiplegia, chronic infantile, angiographic study of middle cerebral artery in, **326**
HENDERSON, M. *See* BESWICK, T. S. L., COID, C. R., HARTLEY, E., HENDERSON, M., and WINTER, M.
Hepatic cirrhosis, leucoencephalopathy after portacaval anastomosis in patient with, **530**
Herpes simplex infection, primary, acute haemorrhagic leucoencephalitis with, **493**
HERSCHKOWITZ, N., and CUMINGS, J. N.: Creatine kinase in cerebrospinal fluid, **247**
HETHERINGTON, R. F. *See* ROBERTSON, D. M., and HETHERINGTON, R. F.
HITCHCOCK, E., and ANDREADIS, A.: Subdural empyema: a review of 29 cases, **422**
HOCKADAY, T. D. R., DOWNEY, J. A., and MOTTRAM, F. R.: A case of McArdle's syndrome with a positive family history, **186**
HOFFMAN, H. L., and NORMAN, R. M.: Acute necrotic myelopathy associated with perivenous encephalomyelitis, **116**
HOLLOWELL, O. W. *See* KERR, F. W. L., and HOLLOWELL, O. W.
HOWAT, J. M. L. *See* BALLA, J. I., HOWAT, J. M. L., and WALTON, J. N.
HUMPHREY, J. G. *See* AGUAYO, A., THOMPSON, D. W., and HUMPHREY, J. G.
HUNTER, R., EARL, C. J., and JANZ, D.: A syndrome of abnormal movements and dementia in leucotomized patients treated with phenothiazines, **219**
Hydrocephalus, uncontrolled, posterior scalloping of vertebral bodies in, **567**
Hypergammaglobulinaemia and antibodies, myasthenia gravis with, **345**
Hypertension, intracranial, benign post-traumatic, **149**
Hypnotic anaesthesia, effect of, on cortical responses, **300**
Hypothermia, cerebral, local, with circulatory arrest, clinical use of, **581**

IMAGINARIO, J. de G.: An instrument for cerebral biopsy, **273**
International Medical Film Congress, **588**
— Symposium on Stereoencephalotomy, 2nd, **276**
Intracerebral malignancy, endoxana in treatment of, **470**
Intracranial haemorrhage in haemophilia, **166**
— —, spontaneous, total cerebral angiography in, **580**
— hypertension, benign post-traumatic, **149**
— pressure, effects of anaesthesia on, **582**
— —, increased, thoracic and lumbar intraspinal tumours associated with, **451**
Intramedullary haematoma simulating Wallenberg's syndrome, surgical removal of, **78**
Intraspinal tumours, thoracic and lumbar, associated with increased intracranial pressure, **451**
Israel, clinical studies of multiple sclerosis in, II. Comparison between European and Afro-Asian patients, **522**

JAMES, C. C. M. *See* LASSMAN, L. P., and JAMES, C. C. M.
JAMES, J. L. *See* MILES, D. W., JAMES, J. L., CLARK, D. E., and WHITWAM, J. G.
JANE, J. A. *See* YASHON, D., JOHNSON, A. B., II, and JANE, J. A.
JANZ, D. *See* HUNTER, R., EARL, C. J., and JANZ, D.
JENNETT, W. B., and MCDOWELL, D. G.: Effects of anaesthesia on intracranial pressure, **582**
JOHNSON, A. B., II. *See* YASHON, D., JOHNSON, A. B., II, and JANE, J. A.
JOHNSON, R. H., and SPALDING, J. M. K.: Progressive sensory neuropathy in children, **125**
JURKO, M. F., and ANDY, O. J.: Psychological aspects of diencephalotomy, **516**

KALBAG, R. M.: Recurrent subarachnoid haemorrhage from paraventricular lesions with normal angiography, **435**
KALYANARAMAN, S. *See* GAZE, R. M., GILLINGHAM, F. J., and KALYANARAMAN, S.
KAMRIN, R. P., POTANOS, J. N., and POOL, J. L.: An evaluation of the diagnosis and treatment of chordoma, **157**
KEMPE, L. G.: Surgical removal of an intramedullary haematoma simulating Wallenberg's syndrome, **78**
—. *See also* MARTINS, A. N., KEMPE, L. G., and HAYES, G. J.
KERR, C. B.: Intracranial haemorrhage in haemophilia, **166**
KERR, F. W. L., and HOLLOWELL, O. W.: Location of pupillomotor and accommodation fibres in the oculomotor nerve: experimental observations on paralytic mydriasis, **473**
KIMURA, D.: Cognitive deficit related to seizure pattern in centrencephalic epilepsy, **291**
KINSBOURNE, M., and WARRINGTON, E. K.: Disorders of spelling, **224**
—,—: Observations on colour agnosia, **296**

LADER, M. H., and WING, L.: Habituation of the psycho-galvanic reflex in patients with anxiety states and in normal subjects, **210**
LAIDLAW, J., and CATLING, J.: An E.E.G. assessment of encephalopathy in Parkinsonism, **232**
LANCE, J. W. *See* CURRAN, D. A., and LANCE, J. W.
LANDERS, J. W., *See* CHASON, J. L., LANDERS, J. W., and GONZALEZ, J. E.
LARSSON, L. E., LINDERHOLM, H., MÜLLER, R., RINGQVIST, T., and SÖRNÄS, R.: Hereditary metabolic myopathy with paroxysmal myoglobinuria due to abnormal glycolysis, **361**
LASSMAN, L. P., and JAMES, C. C. M.: Diastematomyelia, **583**
—. *See also* APPLEBY, A., BATSON, G. A., LASSMAN, L. P., and SIMPSON, C. A.
Lead poisoning, response to treatment with chelating agents of anaemia, chronic encephalopathy, and myelopathy due to, **536**
Leber's disease with symptoms resembling disseminated sclerosis, **415**
LEES, F., MACDONALD, A-M.E., and TURNER, J. W. A.: Leber's disease with symptoms resembling disseminated sclerosis, **415**
LEIBOWITZ, U. *See* ALTER, M., LEIBOWITZ, U., and HALPERN, L.
LEMAY, M. *See* SHEALY, C. N., LEMAY, M., and HADDAD, F. S.
Leucodystrophy, metachromatic, peripheral nerve conduction in, **100**
Leucoencephalitis, haemorrhagic, acute, with concurrent primary herpes simplex infection, **493**
Leucoencephalopathy after portacaval anastomosis in patient with hepatic cirrhosis, **530**
Leucomalacia, periventricular, of birth trauma, pathogenesis of experimental periventricular cerebral necrosis and its possible relation to, **85**
Leucotomized patients treated with phenothiazines, syndrome of abnormal movements and dementia in, **219**
Limb pain, phantom, post-amputation, effects of sensory input and concentration on, **58**
LINDE, L. M. *See* BROWN, W. J., BEAUCHEMIN, J. A., and LINDE, L. M.
LINDERHOLM, H. *See* LARSSON, L. E., LINDERHOLM, H., MÜLLER, R., RINGQVIST, T., and SÖRNÄS, R.
Lipoproteins, serum, in multiple sclerosis determined by cellulose acetate electrophoresis, **251**
LOWE, R. *See* BRICE, J., DOWSETT, D., and LOWE, R.
Lumbar intraspinal tumours associated with increased intracranial pressure, **451**
D-Lysergic acid diethylamide tartrate, effects of, on cholinesterases and monoamine oxidase in spinal cord, **259**

McArdle's syndrome with positive family history, **186**
MACDONALD, A-M.E. *See* LEES, F., MACDONALD, A-M.E., and TURNER, J. W. A.
MCDONALD, R. D., and BURNS, S. B.: Visual vigilance and brain damage: an empirical study, **206**
MCDOWALL, D. G. *See* JENNETT, W. B., and MCDOWELL, D. G.
MCKAIL, R. A.: Assessment of radiological evidence, **578**
MCKISSOCK, W. *See* ROSE, F. C., BHAGWATI, S. N., and MCKISSOCK, W.
MCMENEMEY, W. H. *See* GAVRILESCU, K., MELLICK, R. S., and MCMENEMEY, W. H.
MACPHERSON, A. I. S. *See* GARDNER, D. L., MACPHERSON, A. I. S., MALONEY, A. F. J., and RICHMOND, J.
Macular degeneration, Tay-Sachs disease with, **29**
Malignancy, intracerebral, endoxana in treatment of, **470**
MALONEY, A. F. J. *See* GARDNER, D. L., MACPHERSON, A. I. S., MALONEY, A. F. J., and RICHMOND, J.
MANNING, H. L. *See* DYKEN, P. R., MANNING, H. L., and WHITE, F.
MARTINS, A. N., KEMPE, L. G., and HAYES, G. J.: Acute haemorrhagic leucoencephalitis (Hurst) with a concurrent primary herpes simplex infection, **493**
MASON, A. A. *See* HALLIDAY, A. M., and MASON, A. A.
Medical Film Congress, International, **588**
MELLICK, R. S. *See* GAVRILESCU, K., MELLICK, R. S., and MCMENEMEY, W. H.
MELNICK, S. C., and FLEWETT, T. H.: Role of infection in the Guillain-Barré syndrome, **395**
Mental disorder, epidemiology and, **277**
Metabolic myopathy, hereditary, with paroxysmal myoglobinuria due to abnormal glycolysis, **361**
Metachromatic leucodystrophy, peripheral nerve conduction in, **100**
Methysergide and other preparations, clinical trial of, in management of migraine, **463**
MEYER, J. S. *See* PEREZ-BORJA, C., and MEYER, J. S.
MIGLIAVACCA, F. *See* MORELLO, G., and MIGLIAVACCA, F.
—. *See also* MORELLO, G., MIGLIAVACCA, F., and BIANCHI, M.
Migraine, clinical trial of methysergide and other preparations in management of, **463**

MILES, D. W., JAMES, J. L., CLARK, D. E., and WHITWAM, J. G.: Site of action of 'intravenous regional anaesthesia', 574
Monoamine oxidase in spinal cord, effects of LSD-25 on, 259
MORELLO, G., and MIGLIAVACCA, F.: Primary choroid papillomas in the cerebello-pontine angle, 445
—, —, and BIANCHI, M.: Observations on the radiological diagnosis and treatment of the Dandy-Walker malformation, 582
MORGENSTERN, F. S.: The effects of sensory input and concentration on post-amputation phantom limb pain, 58
Motor nerves, measurement of conduction velocity in, 381
— neurone disease, familial, 140
MOTTRAM, R. F. *See* HOCKADAY, T. D. R., DOWNEY, J. A., and MOTTRAM, R. F.
Movement, disorders of, other than Parkinsonism, surgery in, 585
MÜLLER, R. *See* LARSSON, L. E., LINDERHOLM, H., MÜLLER, R., RINGQVIST, T., and SÖRNÄS, R.
Muscle disease, serum enzyme studies in, 1, 96, 181
—, healthy and dystrophic, analysis of electrical activity in, 386
— weakness, renal tubular acidosis presenting with, 5
Muscles of shoulder girdle, nerve conduction to, in diagnosis of proximal neurogenic and muscular disease, 200
Muscular dystrophy, Duchenne type of, serum creatine kinase activity in relatives of patients with, 181
— —, serum creatine kinase activity in, 96
Myasthenia gravis, immunological disturbances in, with report of Hashimoto's disease after thymectomy, 485
— — with hypergammaglobulinaemia and antibodies, 345
Mydriasis, paralytic, experimental observations on, 473
Myelinolysis, central pontine, 317
Myeloma, multiple, with polyneuropathy and osteosclerotic lesions, 562
Myelopathy, acute necrotic, associated with perivenous encephalomyelitis, 116
— due to lead poisoning, response to chelating agents of, 536
Myelosclerosis, spinal cord compression by extramedullary haematopoiesis in, 313
Myopathy, metabolic, hereditary, with paroxysmal myoglobinuria due to abnormal glycolysis, 361
NANDY, K., and BOURNE, G. H.: The effects of D-lysergic acid diethylamide tartrate (LSD-25) on the cholinesterases and monoamine oxidase in the spinal cord: a possible factor in the mechanism of hallucination, 259
Nerve conduction, changes in, in experimental allergic neuritis, 106
— —, peripheral, in metachromatic leucodystrophy, 100
— — to muscles of shoulder girdle in diagnosis of proximal neurogenic and muscular disease, 200
Neurological illness, obsessional disorder and, 229
Neuropathy, sensory, progressive, in children, 125
NICHOLS, M.: Surgical treatment of cerebral metastases, 577
NORMAN, R. M. *See* HOFFMAN, H. L., and NORMAN, R. M.

OBRADOR, S., and QUEIMADELOS, V.: A radiological method of following changes and displacements of the brain after surgery, 73
Obsessional disorder and neurological illness, 229
O'CONNELL, J. E. A.: Primary spontaneous cerebrospinal fluid rhinorrhoea, 241
Oculomotor nerve, location of pupillomotor and accommodation fibres in, 473
OOSTERHUIS, H. J. G. H., GELD, H. van der, FELTKAMP, T. E. W., and PEETOM, F.: Myasthenia gravis with hypergammaglobulinaemia and antibodies, 345
Osteosclerotic lesions, multiple myeloma with, 562

Papillomas, choroid, primary, in cerebello-pontine angle, 445
Paraventricular lesions with normal angiography, recurrent subarachnoid haemorrhage from, 435
Parkinsonism, arteriosclerosis in, 237
—, E.E.G. assessment of encephalopathy in, 232
—, treatment of, by stereotactic surgery, prognostic factors in, 583
PEARCE, J. M. S., PENNINGTON, R. J. T., and WALTON, J. N.: Serum enzyme studies in muscle disease, I. Variations in serum creatine kinase activity in normal individuals, 1
—, — —, — — — — — — —, II. Serum creatine kinase activity in muscular dystrophy and in other myopathic and neuropathic disorders, 96
—, — —, — — — — — — —, III. Serum creatine kinase activity in relatives of patients with the Duchenne type of muscular dystrophy, 181
—. *See also* CULLEN, D. R., and PEARCE, J. M. S.
PEETOM, F. *See* OOSTERHUIS, H. J. G. H., GELD, H. van der, FELTKAMP, T. E. W., and PEETOM, F.
PENNINGTON, R. J. T. *See* PEARCE, J. M. S., PENNINGTON, R. J. T., and WALTON, J. N.
PEREZ-BORJA, C., and MEYER, J. S.: A critical evaluation of rheoencephalography in control subjects and in proven cases of cerebrovascular disease, 66
Periventricular cerebral necrosis, experimental, pathogenesis of, and its possible relation to periventricular leucomalacia of birth trauma, 85
PETERSÉN, I. *See* THULIN, C. A., PETERSÉN, I., and GRANHOLM, L.
Phenothiazines, syndrome of abnormal movements and dementia in leucotomized patients treated with, 219
Pituitary fossa, ganglioneuroma arising in, 268
PLIT, M. *See* UTIAN, H. L., and PLIT, M.
Poliovirus, behaviour of attenuated strains of, in monkeys, 10
Polyneuropathy, multiple myeloma with, 562
Pontine myelinolysis, central, 317
POOL, J. L. *See* KAMRIN, R. P., POTANOS, J. N., and POOL, J. L.
Portacaval anastomosis, leucoencephalopathy after, in patient with hepatic cirrhosis, 530
POTANOS, J. N. *See* KAMRIN, R. P., POTANOS, J. N., and POOL, J. L.
POWELL, T. P. S. *See* CARMAN, J. B., COWAN, W. M., and POWELL, T. P. S.
Pseudohypoparathyroidism, spinal cord compression in, 459
Psychiatry, World Congress of, 588
Psycho-galvanic reflex, habituation of, in patients with anxiety states and in normal subjects, 210

QUEIMADELOS, V. *See* OBRADOR, S., and QUEIMADELOS, V.

Radiological evidence, assessment of, 578
REITAN, R. M. *See* HEIMBURGER, R. F., DEMYER, W., and REITAN, R. M.
Renal tubular acidosis presenting with muscle weakness, 5
Retinal arteries, cholesterol emboli in, 144
Rheoencephalography in control subjects and in cerebrovascular disease, 66
Rhinorrhoea, cerebrospinal fluid, primary spontaneous, 241
RICHMOND, J. *See* GARDNER, D. L., MACPHERSON, A. I. S., MALONEY, A. F. J., and RICHMOND, J.
Riley-Day syndrome, neuropathological study of, in siblings, 131
RINGQVIST, T. *See* LARSSON, L. E., LINDERHOLM, H., MÜLLER, R., RINGQVIST, T., and SÖRNÄS, R.
ROBERTSON, D. M., and HETHERINGTON, R. F.: A case of ganglioneuroma arising in the pituitary fossa, 268
ROE, P. F.: Familial motor neurone disease, 140
ROSE, F. C., BHAGWATI, S. N., and MCKISSOCK, W.: Endoxana (cyclophosphamide) in the treatment of intracerebral malignancy, 470

Scandinavian Neurological Society, 180
Sciatic nerve, pattern of conduction times in distribution of, 351
Sclerosis, disseminated, Leber's disease with symptoms resembling, 415
—, multiple, antibody studies in, 25
—, —, clinical studies of, in Israel, II. Comparison between European and Afro-Asian patients, 522
—, —, serum fatty acids in, 408
—, —, serum lipoproteins in, determined by cellulose acetate electrophoresis, 251
—, —, vitamin B_{12} levels in serum and cerebrospinal fluid in, 174
SEATON, D. A. *See* SIMPSON, J. A., SEATON, D. A., and ADAMS, J. F.
Sensory input and concentration, effects of, on post-amputation phantom limb pain, 58
— neuropathy, progressive, in children, 125
Serum creatine kinase activity in muscular dystrophy and other myopathic and neuropathic disorders, 96
— — — — — in relatives of patients with Duchenne type of muscular dystrophy, 181
— — — — —, variations in, in normal individuals, 1
— enzyme studies in muscle disease, 1, 96, 181
— fatty acids in multiple sclerosis, 408
— lipoproteins in multiple sclerosis determined by cellulose acetate electrophoresis, 251
—, vitamin B_{12} levels in, in multiple sclerosis, 174
SHAW, J. F.: Management of chordomata, 582
SHEALY, C. N., LEMAY, M., and HADDAD, F. S.: Posterior scalloping of vertebral bodies in uncontrolled hydrocephalus, 567
SHEPHERD, M., and COOPER, B.: Epidemiology and mental disorder: a review, 277
Shoulder girdle, nerve conduction to muscles of, in diagnosis of proximal neurogenic and muscular disease, 200

SIMPSON, C. A.: Vitamin B_{12} levels in the serum and cerebrospinal fluid in multiple sclerosis, **174**
—. *See also* APPLEBY, A., BATSON, G. A., LASSMAN, L. P., and SIMPSON, C. A.
SIMPSON, J. A.: Fact and fallacy in measurement of conduction velocity in motor nerves, **381**
—: Immunological disturbances in myasthenia gravis with a report of Hashimoto's disease developing after thymectomy, **485**
—, SEATON, D. A., and ADAMS, J. F.: Response to treatment with chelating agents of anaemia, chronic encephalopathy, and myelopathy due to lead poisoning, **536**
SMITH, A.: Changing effects of frontal lesions in man, **511**
SMITH, B. *See* BUCKLE, R. M., DU BOULAY, G., and SMITH, B.
Società Italiana di Neurochirurgia, 16th Congress, **276**
Society of British Neurological Surgeons: 69th Meeting, **577**
SÖRNÄS, R. *See* LARSSON, L. E., LINDERHOLM, H., MÜLLER, R., RINGQVIST, T., and SÖRNÄS, R.
SPALDING, J. M. K. *See* JOHNSON, R. H., and SPALDING, J. M. K.
Spelling, disorders of, **224**
Spinal accessory-facial nerve anastomosis, follow-up study of, with special reference to electromyographic findings, **502**
— arteriovenous malformations, surgical treatment of, **578**
— cord, cholinesterases and monoamine ox dase in, effects of LSD-25 on, **259**
— — compression by extramedullary haematopoiesis in myelosclerosis, **313**
— — — in pseudohypoparathyroidism, **459**
Stereoencephalotomy, 2nd International Symposium on, **276**
Stereotactic surgery, prognostic factors in treatment of Parkinsonism by, **583**
Stereotaxy, precision, depth microelectrode recording for, **584**
STEVEN, J. L., *See* HARPER, A. M., GLASS, H. I., STEVEN, J. L., and GRANAT, A. H.
Sting, encephalopathy following, **542**
Streptomyces griseus, brain abscess due to, **553**
Subarachnoid haemorrhage, recurrent, from paraventricular lesions with normal angiography, **435**
Subdural empyema, **422**
Sulphatide lipidosis, peripheral nerve conduction in, **100**
Supratentorial gliomata, quality of survival in treated patients with, **556**
SUTHERLAND, J. M. *See* EADIE, M. J., and SUTHERLAND, J. M.
Symposium Neuroradiologicum (VII), **84**
— of the Frontal Lobe, 2nd, **588**

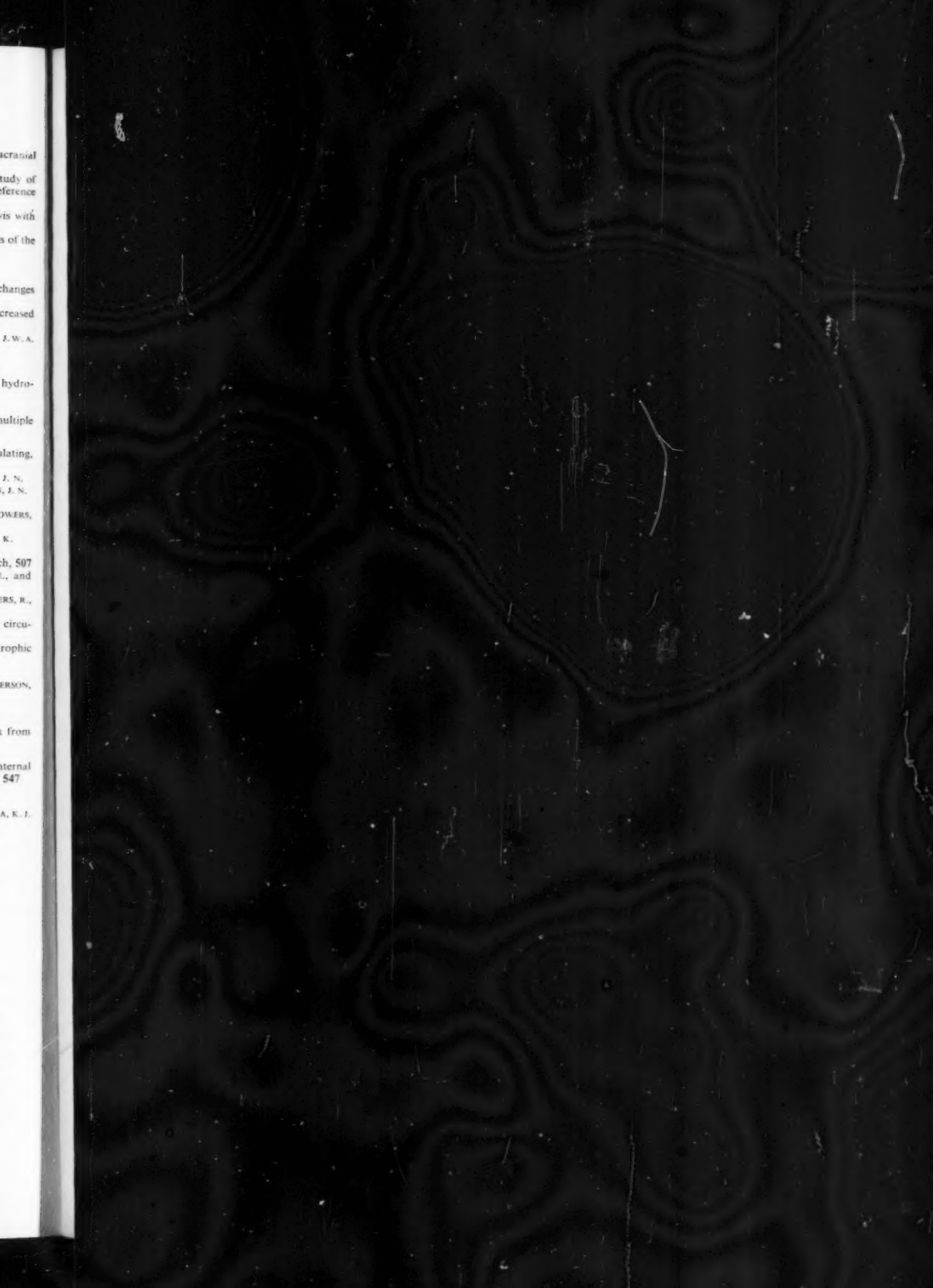
Tay-Sachs disease, unusual form of, with macular degeneration in family, **29**
TAYLOR, A. R.: Surgical treatment of spinal arteriovenous malformations, **578**
Thalamic Regulation of Sensorimotor Activities, Symposium on, **360**
THOMAS, P. K. *See* CRAGG, B. G., and THOMAS, P. K.
THOMPSON, D. W. *See* AGUAYO, A., THOMPSON, D. W., and HUMPHREY, J. G.
THOMPSON, R. H. S. *See* BAKER, R. W. R., THOMPSON, R. H. S., and ZILKHA, K. J.
Thoracic intraspinal tumours associated with increased intracranial pressure, **451**
THULIN, C. A., PETERSÉN, I., and GRANHOLM, L.: Follow-up study of spinal accessory-facial nerve anastomosis with special reference to the electromyographic findings, **502**
Thymectomy, immunological disturbances in myasthenia gravis with report of Hashimoto's disease after, **485**
TOMLINSON, B. E., and WALTON, J. N.: Superficial haemosiderosis of the central nervous system, **332**
TROJABORG, W. *See* GASSELL, M. M., and TROJABORG, W.
Tumour, cerebello-pontine angle, unusual behaviour of, **581**
Tumours, cerebellar hemisphere, electroencephalographic changes associated with, **340**
—, intraspinal, thoracic and lumbar, associated with increased intracranial pressure, **451**
TURNER, J. W. A. *See* LEES, F., MACDONALD, A-M. E., and TURNER, J. W. A.

UTIAN, H. L., and PLIT, M.: Ataxia telangiectasia, **38**

Vertebral bodies, posterior scalloping of, in uncontrolled hydrocephalus, **567**
Visual vigilance and brain damage, **206**
Vitamin B_{12} levels in serum and cerebrospinal fluid in multiple sclerosis, **174**

Wallenberg's syndrome, intramedullary haematoma simulating, surgical removal of, **78**
WALTON, J. N. *See* BALLA, J. I., HOWAT, J. M. L., and WALTON, J. N.
—. *See also* PEARCE, J. M. S., PENNINGTON, R. J. T., and WALTON, J. N.
—. *See also* TOMLINSON, B. E., and WALTON, J. N.
WARNOCK, G. B. R. *See* CLARKE, P. R. R., WARNOCK, G. B. R., BLOWERS, R., and WILKINSON, M.
WARRINGTON, E. K. *See* KINSBOURNE, M., and WARRINGTON, E. K.
WHITE, P. *See* DYKEN, P. R., MANNING, H. L., and WHITE, P.
WHITTY, C. W. M.: Cortical dysarthria and dysprosody of speech, **507**
WHITWAM, J. G. *See* MILES, D. W., JAMES, J. L., CLARK, D. E., and WHITWAM, J. G.
WILKINSON, M. *See* CLARKE, P. R. R., WARNOCK, G. B. R., BLOWERS, R., and WILKINSON, M.
WILLIAMS, B.: Clinical use of local cerebral hypothermia with circulatory arrest, **581**
WILLISON, R. G.: Analysis of electrical activity in healthy and dystrophic muscle in man, **386**
WING, L. *See* LADER, M. H., and WING, L.
WINTER, M. *See* BESWICK, T. S. L., COID, C. R., HARTLEY, E., HENDERSON, M., and WINTER, M.
World Congress of Psychiatry, **588**

Xenon^{133}, measurement of local blood flow in cerebral cortex from clearance of, **255**

YASHON, D., JOHNSON, A. B., II, and JANE, J. A.: Bilateral internal carotid artery occlusion secondary to closed head injuries, **547**

ZEMAN, W. *See* DYKEN, P. R., and ZEMAN, W.
ZILKHA, K. J. *See* BAKER, R. W. R., THOMPSON, R. H. S., and ZILKHA, K. J.